

WHEN DAYLIGHT VISIBILITY...

COCKPIT VISIBILITY IS ONE MILE...

with

L-M High Intensity Runway Lighting

Higher paylonds and increasing traffic demand ever more attention to accuracy and speed in landings and departures, and place greater demands for safety on pilots, airlines, and airports. When davljith visibility is ½ milo. LM High Intensity Runway Lighting increases cockpit visibility to a full, and the pilot the best possible visual delineation of the runway under all conditions. Perhaps that's one reason why L-M lights more runways that one reason why L-M lights more runways than do all other high intensity systems combined. Get full information from the nearest L-M office or Airport Lighting Division, Line Material Company, East Stroudsburg, Pa.

THE FAMOUS L-M HIGH INTENSITY RUNWAY LIGHT

Its extreme intensity of 180,000 beam candlepawer is passible only because the L-M cantrallable beam eliminates glare and gives maximum penetration of feg, rain, dust, even daylight snaw! Practical, rugged, dependable operation.





FOR SMALLER AIRPORTS... and secandary runways and taxiways at majar parts... L-M Medium Intensity

Applies the directed beam principle an a smaller scale. Over 4000 beam cp with 45 watt lamp. Available in a "package" with camplete equipment and cantral unit, about \$1 per runway-fast.

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August 1, 1945

News SideNolyte 7 Engineering Factors Avistim Calculus 8 New Products Industry Observer 11 Air Temport Acronautical Engineering ... 19 Editorial

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Security and Editorial Offices: 100 W. 464 St. New York St. N. Y. Photo Longarya 6 5015; Nessend Press 844c, Washington 5, D. C. Phane National 8415

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In the development of these new classes, WART continues to work in cacorrection accesses with the Aviation Industry to percode half and miles busines that can withstand the surphesent of some speeds and some trenerature. 2022 F Industries Inc., Philadelphia 32 Pa-

NATIONAL AIR RACES

CLEVELAND, SEPTEMBER 3. 4. S



YOU'LL GET HALL SERVICE PLUS TOP QUALITY LUBRICANTS AND FUELS

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NEWS SIDELIGHTS

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AVIATION CALENDAR



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ANATORS WEEK Asset 1 1969

NEWS DIGEST

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FACTS THAT COUNT

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AVAIDON WEEK, August 1, 1909



Aircraft Design Engineers Find



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MICRO Precision Switches

Fulfill Riald "AN" Requirements in Small Space MICRO precision switches are widely used in arousk de-

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WHO'S WHERE

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INDUSTRY OBSERVER

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Air Force Revising its Lists of Suppliers

Industry gets new AMC master catalog in move to modernize procuring service.

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SEC Report

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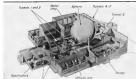
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AERONAUTICAL ENGINEERING



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White Oak lab. Feature is low power requirement. By Rahout McLarren

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CA INTERNATIONAL DIVISION INFOR

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International Group Formulates Air Data

AVIATION WEEK, Assure L 1949

POSITION CONTROL 4-WAY SELECTOR VALVES





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THE ONIO STAMLESS TURE COMPANY

Find and Second Officer SMRAY & COST



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ANALYSIS WERE
330 West 42nd Street

New York 18, N. Y.

ENGINEERING FORUM

More Mathematics For Delta Wing

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Ideal Fighter Cockpit: British Style

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NEW AVIATION PRODUCTS

Maintenance Aid



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Control Amplifier



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Speeds Circuit Test

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Tells Screw Sizes Screw and were gape, offered by Day ton Rogert Mig. Co., Manuscrofts.

PRODUCTION



Cocooning Avoids Line Shutdown

When F-86A landing gear supply was cut off, NAA kept production up by preserving incomplete planes.

First us of the elected pattern case: Tighter Group detected at Langley when the parker at Sendo, August 1984, Va PAC Business Up On Both Coasts F Cost \$500-Nesth Assesses and 15 pary fight tota. On overplation of

. Contract With Phone Tirer Line. chetten deln routens two nobette-Inc. to provide Pett & Whetney tain of a new few horting buriet blade

Supreme Court Upholds Lockheed Lockberd's contract with the Bolto

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PRODUCTION BRIEFING

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*Workt Assessment Corp. reports 56.5 unthon in additional orders for Cyclone 188D except for Lockhool P Feet Court Accounties, fee. her * Keenin Ascendt Corp. has completed

Conseq espects to deliver its first P Republic Arealine Corp., Toronto. date, N. T. wall close down for two * Beech Aircraft Corp. but enveloped

'Mike' for Electronics

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Hiller Ups Output and Outlets

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Letest Air Force Bid Awards

a remarks at the plant, super opera-

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Invitations to Bid

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American Abmeditor's send on your extrinsed in your gracement of impraced apareting affichests and and probamently (commercial agreement CROSSTREES - not not have or chan and obstace moon.



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AVAIDON WEEK, Argust 1, 1949

ASSAURCE WITH Asset 1, 1965.



SALES & SERVICE



Big Field for Copter Spray

Helicopter Services of California handles record business by exploiting numerous opportunities.

Thing Is the CA was base term where the control is confirmed to the confirmed of the confir

Water Tank Perils Roosevelt Field

Agencied (1905) Assistant, L. J., Sinhom centring a 13-1031 south rever-200 II time the workleve homeshay of the today in the timera and pillage (1906) and timera and timera and timera propries on accurations hered and year. Forecast I field (since the time of the timera and timera to the timera and timera to timera and timera and timera and timera of the timera and timera and timera and the timera and timera and timera and the timera and timer

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RRIFFING FOR DEALERS & DISTRIBUTORS

RELIOPLANE STATUS-Manufacturine sinks to the downloan Heliophre are expected to be made anniable to other manufactures in addition to Friedd Engine & Arpline Corp. The company which Invadure restatore enables for revisation to an established links. plane memofacturer as uses as it further with expent tests. The facuse to Fescheld was non-cuclaine to applies to personal agency. Design Andrew theregoested in the Helmodese be its fer alread Pool Otto Version would be adoptable to most of the current birk-uses places of the fine would be adaptance to most of the causest agra-way points of its me with most of less modification, different indications resist toward the Proor Vambond in a lasty first conditate for specime the Bellevolume festure. (The pertetrpe Helicolate was designed amend a Vagahond

and G. C. Wilson, office represer and appriors transport. The care deper, arwing filtrics, reading letteries, and the operation of a CAA-

catering covered landler over points out that 5.9 account of 1960's andershooting or overshooting the marry, and 12.5 percent were dec to noting up or over. Use of the cross wind gear effectivates ground about further forward, as a potventire for according. Gelow states, And if ungle-correct alsorie, made seconds to conserved gast ungeand points out playtobility for heavy transport and making use so

met a.4h ouredcrabb redustry shepticism led your.

CLAPPER ON FLOATS-Pudrag to bed seller, the femalists Pipes Clipper, into new fields of competition, Paper Assent has obtained 54907.18. A description fortuna of the Copper which will set in Feeland and Middle Western lake great. The model 1650 Ede floats cut into the Cliquer's payload, and slow its emining speed, as floats shows do, but they are penalties the scaphuse counce is willing to pay it has a 400-ray, range with full 16 rel, facil load. At a certifier of form penale, these ten't much meen for learning or tred to the scaphine, but for a escapic on a recution typ, there is pleaty of soom left for genr and feel, and that shokeash is what BES Piner Sr. was thinking about

AVEATION WHEN Asset 1, 1915

AIR TRANSPORT

Airlines Study Fuller Use of GCA Near accidents during ILS approaches point up value

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AVIATION WEST, Asset 1, 1949

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* Weight Field Tests-The Air Farce single point furlish for more of its

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Black Ink

Domestic airline profits for the first six months are nearly \$4 million.

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tirent 521,082 Westers 567,800 Calmid 550,002 Ddts 535,000; In ► UAL Coughack-United Air Lines

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AVIATION WEEK, Asser J. 1941

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NATIONAL AIR RACES SEPT. 3·4·5- CLEVELAND

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a U. C. AM PORCE, NATT and MARRIES—in conversional

For States and information units or use Nichold Air Brand, Specials I Provides, See Agr. Shire Condense Sity (Section 1 & One

It is expected, however, that CAR

On Domestic Runs

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ANIATION WEEK Asset 1, 2912

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"We so longer feel we should wet for a financial crus," CAR said "Rather we thenk the terroceury rate ccuts a plane ratio proposed for TWA rates offered at connection-then

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E. Brand, specient of Busilly Dept to present a clear for at least Beauty recourse to top-level diple-'The undependents' have traffic in-

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Whether It's many production of purpler light planes, sty transports or building of experimental planes for the Army and Nove, religiblity of construction is a most. PLICELOG, with the realisest, flexible seen. meets comprising the "self-looking" feature, won't shoke been even under the most characted vibration. And FLEXUOC has enquestly uniform torque-within a few "inch Re.". Made in one salid piece. FLEXLOC to a stor, a lock and plate mut all to one, and is available in "thin" types on well on the "regular"—In NC and NF thread series. ACCEPTANCES PLANNES IN ARTHRITO MY Write for your copy of the FLEXLOC Cetalog.

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TILLIE SMALL & MASTER LULL-Title South in Cented for Local mascripts service office in San Pitracioto decodes sematoria fature was feste and sends sources possenger lets to all U.M. custamen who have flows between San Fancure and Bosshile. The other day she depetched our to "Master Gree Lot." Rock come a happy latter from # 60 year old major general, pepped up by the semenatura, seus Beh Contelle, one me-

FOLLOW THAT CAR-BIE Wagner of Rose Assumption Co., tells out on Wiffiers P. (Doc) Shoo, assistent to Four V.F. Earl Prodden. Doc his delivered es "Certon Hotel." The haffed sales feedly bloom out. "Whosenegment" Cautcha mall.reacontract" grieng a though toward the other ade of K 51

EASILY DETACHABLE SIXES-A. A Book Histolical, who is a rection of the being of the Los Augries effice of Alon P. Adams & Assembra, offers a tid list cretit from a new cublication of Control Air Lance cuttiled "Majeliner Field Abe a Company Many of Counted Coats secreted to the bise and dissorabled, cleaned, then thoroughly checked with actuated to second or Manager condition." Bean uses "Here we nethable have the explination mby Ucried less moses; if they take their surplanes aport every 725



** G.M.S.

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Blacks, Indynsest, Many C. E. MATHEWS, INC. now. Below they must have follow out of the boot care of some tenrelms troffic 615 S. W. 190 AVE HIAML BORDA APRPLANES A DOUGLAS - DC--3 TYPE

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KNATION WER, Asset I, 1945



A COMMUTER NAMED ALI BEN ZUG. bured by rep.

is that early slew moving larger (ARION) Where a manufacted above for a plan.





EDITORIAL

Sen. Johnson's Sound Appraisal

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"I find been out-blenst competition everywhere—shown

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The sestion montrol their nr he portions cause them have been "factory of spitfishell entireness" of the sixtens, CAR, and Compose. It is sells, indeed, that is member of Compose has given evidence of such a gauge of the probleme of ne transportation, and such an considerance in present has polyment to be recycle by the happy but insubsent theaderings of the transport.

AVAILABLE MESS Asset 1 188





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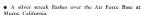
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17-88-sleek master of the skies

This twin-jet penetration fighter is capable of operating deep inside enemy territory—acting as an escort tor heavy bombers or serving as a dual purpose fighterbomber.

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